ANGLE PIVOT UNITS SERIES SWM1000

PRODUCT ADVANTAGES



"The slim"

Optimised design

Adjusted to a gantry axle, you can integrate the unit in your machine loading system to save space

Large locating flange

The large mounting surface simplifies your design and allows secure attachment of follow-on tools

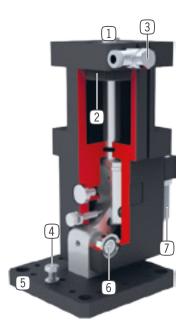
Failure-free continuous operation

Our uncompromising "Made in Germany" quality guarantees up to 10 million maintenance-free cycles

SERIES CHARACTERISTICS

Installation size				
SWM10XX				
10 million maintenance-free cycles (max.)	•			
IP 30 IP30	•			
Hagnetic field sensor	•			
Powerstop end position damping	•			
Positionability - 2 positions	•			

BENEFITS IN DETAIL



1 Mounting and positioning

2) Drive

- double-acting pneumatic cylinder

3 Air flow control valve

- for speed regulation
- included in scope of delivery

4 Adjustable end position

- +/- 3° adjustable end position

5 Intake flange

- for connection to application-specific adapter plate (to be supplied by the customer)
- 6 Force transfer 90° pivoting - toggle lever principle

Patented, hydraulic shock absorber adjustable end position damping

TECHNICAL DATA

	Swivel angle	Torque	Weight	IP class
Installation size	[°]	[Nm]	[kg]	
SWM1035	90	7 - 10	0.65	IP30
SWM1045	90	14 - 21	1.2	IP30
SWM1054	90	29 - 40	2.3	IP30
SWM1063	90	39 - 64	3.5	IP30
SWM1080	90	88 - 150	5.8	IP30

FURTHER INFORMATION IS AVAILABLE ONLINE



All information just a click away at: www.zimmer-group.com. Find data, illustrations, 3D models and operating instructions for your installation size using the order number for your desired product. Quick, clear and always up-to-date.

ANGLE PIVOT UNITS INSTALLATION SIZE SWM1080

PRODUCT SPECIFICATIONS



	Technical data
Order no.	SWM1080
Swivel angle [°]	90
Swivel angle regulable +/- [°]	3
Torque 0° [Nm]	150
Torque 45° [Nm]	88
Torque 90° [Nm]	150
Repetition accuracy +/- [°]	0.01
Swivel time without extension load [s]	0.9
Operating pressure min. [bar]	3
Operating pressure max. [bar]	8
Nominal operating pressure [bar]	6
Operating temperature min. [°C]	5
Operating temperature max. [°C]	+80
Air volume per cycle [cm ³]	700
Weight [kg]	5.8

